

CLAIMS

1. A water pressure transfer article having an outermost decorative layer formed thereon by transferring a print pattern on a water-soluble film under water pressure characterized by having glossy variation and/or touch
5 feeling imparted to said outermost decorative layer in accordance with a combination of ultraviolet ray hardening resin composite applied on said print pattern to be wholly united with said print pattern and hardened by an ultraviolet ray and a component of said print pattern.

2. A water pressure transfer article as set forth in claim 1 and
10 wherein said ultraviolet ray hardening resin composite is what recovers the adhesion of said print pattern on a water pressure transfer operation.

3. A water pressure transfer article having an outermost decorative layer formed thereon by transferring a print pattern on a water-soluble film under water pressure characterized by having a high glossy pattern portion
15 and a low glossy pattern portion imparted to said outermost decorative layer based on glossy variation corresponding to a combination of ultraviolet ray hardening resin composite applied on said print pattern to be wholly united with said print pattern and hardened by an ultraviolet ray and a component of said print pattern.

20 4. A water pressure transfer article as set forth in claim 3 and wherein said ultraviolet ray hardening resin composite is what recovers the adhesion of said print pattern on a water pressure transfer operation.

5. A water pressure transfer article as set forth in claim 3 or 4 and wherein said low glossy pattern portion is formed in a portion of said print
25 pattern where an ink containing a high oil absorption component to oil-absorb said ultraviolet ray hardening resin composite.

6. A water pressure transfer article as set forth in claim 5 and wherein said high oil absorption component is a coloring pigment in the ink of

said print pattern.

7. A water pressure transfer article as set forth in claim 5 and wherein said high oil absorption component is a carbon black in the black ink of said print pattern.

5 8. A water pressure transfer article as set forth in either of claims 5 through 8 and wherein said low glossy pattern portion has a glossy degree of less than 20 when it is measured according to "mirror surface gloss of method 30-60 degree" in Japanese Industrial Standards Z8741 - 1997.

10 9. A water pressure transfer article as set forth in either of claims 3 through 8 and wherein said high glossy pattern portion is formed in a portion where the ink containing a low oil absorption component which has a low absorption function to absorb said ultraviolet ray hardening resin composite is transferred.

15 10. A water pressure transfer article as set forth in either of claims 3 through 9 and wherein said high glossy pattern portion is formed in a portion where the ink of low ink density is transferred.

 11. A water pressure transfer article as set forth in either of claims 3 through 9 and wherein said high glossy pattern portion is formed in a non-print portion where the ink density is of zero or there is no ink.

20 12. A water pressure transfer article as set forth in either of claims 3 through 11 and wherein a difference of glossy degree is equal to 10 or more when it is measured according to "mirror surface gloss of method 30-60 degree" in Japanese Industrial Standards Z8741 - 1997.

25 13. A water pressure transfer article as set forth in either of claims 3 through 12 and wherein said ultraviolet ray hardening resin composite contains a matting component, which imparts a matting effect to said high and low glossy pattern portions.

 14. A water pressure transfer article as set forth in either of claims 3

through 13 and wherein said outermost decorative layer having said high and low glossy pattern portions has solvent resistance adapted to be never deteriorated even by manually and reciprocatively wiping a ten-sheet piled gauze containing xylene on said decorative layer eight times while it is
5 rubbed thereon.

15. A water pressure transfer article as set forth in either of claims 3 through 14 and wherein said print pattern has a grain pattern and said high glossy pattern portion of said outermost decorative layer corresponds to a rough organization expression portion of said grain
10 pattern while said low glossy pattern portion of said outermost decorative layer corresponds to a fine organization expression portion of said grain pattern.

16. A water pressure transfer article as set forth in claim 15 and wherein said rough organization expression portion corresponds to an
15 early wood portion while said fine organization expression portion corresponds to a late wood portion whereby said outermost decorative layer has a design of cross or straight grain.

17. A water pressure transfer article as set forth in claim 15 or 16 and wherein said water pressure transfer article comprises a base body
20 having a ground color of brown or light brown and said decorative layer is formed on said base body.

18. A water pressure transfer article as set forth in either of claims 3 through 14 and wherein said print pattern having a single color pattern and said high glossy pattern portion corresponds to a non-print portion of
25 said single color pattern of said print pattern while said low glossy pattern portion corresponds to said single color print portion.

19. A water pressure transfer article as set forth in claim 18 and wherein said single color pattern is formed by printing with the ink of color

substantially identical to said ground color of said base body of said water pressure transfer article whereby said outermost decorative layer has a design of monotone through both of said high and low glossy pattern portions.

20. A water pressure transfer article as set forth in claim 18 and
5 wherein said single color pattern is formed by printing with a colorless ink whereby said outermost decorative layer has a design of monotone formed by said ground color penetrating said single color pattern through both of said high and low glossy pattern portions.

21. A water pressure transfer article as set forth in claim 18 or 20 and
10 wherein said base body of said water pressure transfer article is transparent and said outermost decorative layer including said high and low glossy pattern portions are formed on said transparent base body.

22. A water pressure transfer article having an outermost decorative layer formed thereon by transferring a print pattern on a water-soluble film
15 under water pressure characterized in that said outermost decorative layer has an outermost surface of unevenness formed corresponding to a combination of ultraviolet ray hardening resin composite applied on said print pattern to be wholly united with said print pattern and hardened by an ultraviolet ray and a component of said print pattern and an amount of
20 application of said ultraviolet ray hardening resin composite.

23. A water pressure transfer article as set forth in claim 22 and wherein said ultraviolet ray hardening resin composite is what recovers the adhesion of said print pattern on a water pressure transfer operation.

24. A water pressure transfer article as set forth in claim 22 or 23 and
25 wherein said unevenness of said decorative layer is formed in a print pattern portion where there is transferred the ink containing a high oil absorption component.

25. A water pressure transfer article as set forth in either of claims 22

through 26 and wherein said outermost decorative layer having said unevenness has solvent resistance adapted to be never deteriorated even by manually and reciprocatively wiping a ten-sheet piled gauze containing xylene on the decorative layer eight times while it is rubbed thereon.

5 26. A water pressure transfer article as set forth in either of claims 22 through 27 and wherein said water pressure transfer is a steering wheel for a car.

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